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Attorney's Docket: 2003DE111
Serial No.: 10/553,819
Group: 1713

Amendments to the Claims

- 1) (Currently Amended) A method of pigmenting a solventborne, nonaqueous organic coating material comprising the steps of incorporating a finely divided organic pigment coated with at least one amino-containing (meth)acrylate copolymer into a solventborne organic coating material ~~with an energy input reduced by at least 20% as compared with the corresponding uncoated pigment and wherein the finely divided organic pigment coated with at least one amino-containing (meth)acrylate copolymer is obtained by mixing an aqueous, finished presscake of the organic pigment with water, deagglomerating the water and presscake in a static mixer in the presence of the at least one amino-containing (meth)acrylate copolymer to form a deagglomerated mixture, subjecting the deagglomerated mixture to steam distillation to form a solid, isolating the solid by filtration, and drying the solid to form the finely divided organic pigment coated with at least one amino-containing (meth)acrylate copolymer.~~
- 2) (Original) The method of claim 1, wherein the organic coating material is a solventborne baking varnish or a solventborne two-component varnish.
- 3) (Previously Presented) The method of claim 1, wherein the organic coating material is an alkyd-melamine resin varnish, acrylic-melamine resin varnish, polyester varnish or high-solids acrylic resin varnish.
- 4) (Original) The method of claim 1, wherein the organic coating material is a printing ink or ink-jet ink.
- 5) (Currently Amended) The method of claim 1, wherein the organic pigment is a pigment selected from the group consisting of azo pigments, Naphthol, Naphthol, benzimidazolone, metal complex pigments, and polycyclic pigments.

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- 6) (Previously Presented) The method of claim 1, wherein the at least one amino-containing (meth)acrylate copolymer has a molar mass of between 2000 and 100 000 g/mol.
- 7) (Previously Presented) The method of claim 1, wherein the at least one amino-containing (meth)acrylate copolymer has an amine number of between 20 and 70 mg KOH/g.
- 8) (Cancelled)
- 9) (Currently Amended) The method of claim 8_1, wherein the deagglomerating step deagglomerates the organic pigment coated with at least one amino-containing (meth)acrylate copolymer to a particle size distribution of 0.1 to 10 μm .
- 10) (Currently Amended) The method of one claim 1, wherein the at least one amino-containing (meth)acrylate copolymer is applied to the organic pigment in an amount of 5% to 50% by weight, based on the total weight of the ~~coated~~ organic pigment coated with at least one amino-containing (meth)acrylate copolymer.
- 11) (Previously Presented) The method of claim 1, wherein the organic pigment is selected from the group consisting of monoazo, diazo, isoindolinone, isoindoline, anthanthrone, thioindigo, thiazineindigo, triarylcarbonium, quinophthalone, anthraquinone, dioxazine, phthalocyanine, quinacridone, quinacridonequinone, indanthrone, perylene, perinone, pyranthrone, diketopyrrolopyrrole, isoviolanthrone and azomethine pigments.
- 12) (Previously Presented) A pigmented solventborne nonaqueous organic coating material made in accordance with the method of claim 1.

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13) (Previously Presented) The pigmented solventborne nonaqueous organic coating material of claim 12, wherein the organic coating material is a baking varnish, two component varnish, a printing ink or ink jet ink.

14. (New) The method of claim 1, wherein the at least one amino-containing (meth)acrylate copolymer is dissolved in a solvent selected from the group consisting of butyl acetate, 1-butanol, 2-butanol, Isobutanol, and mixtures thereof with methoxypropyl acetate.